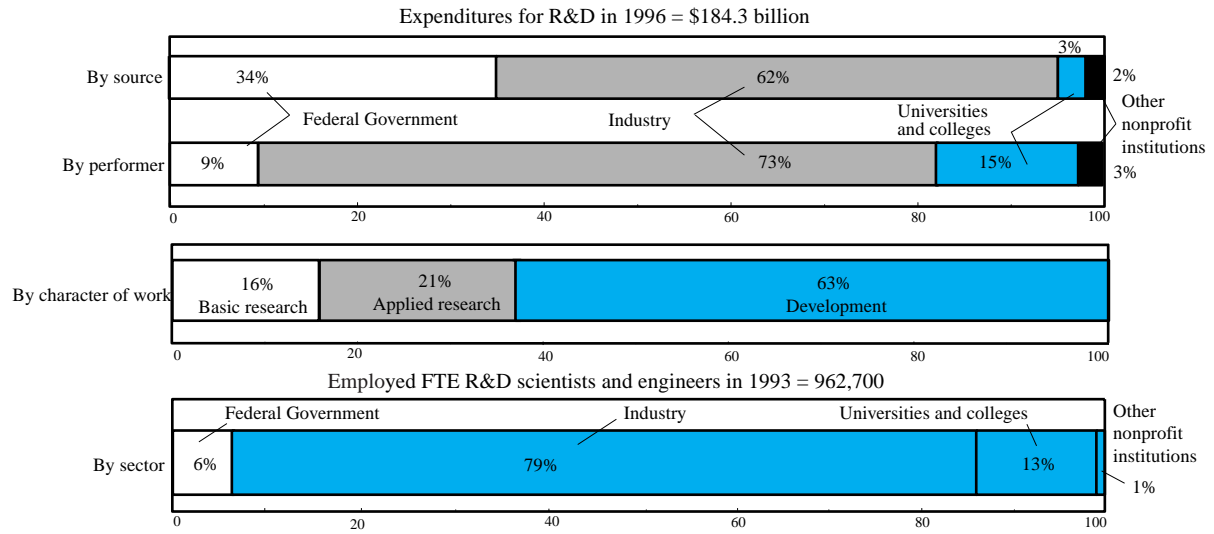
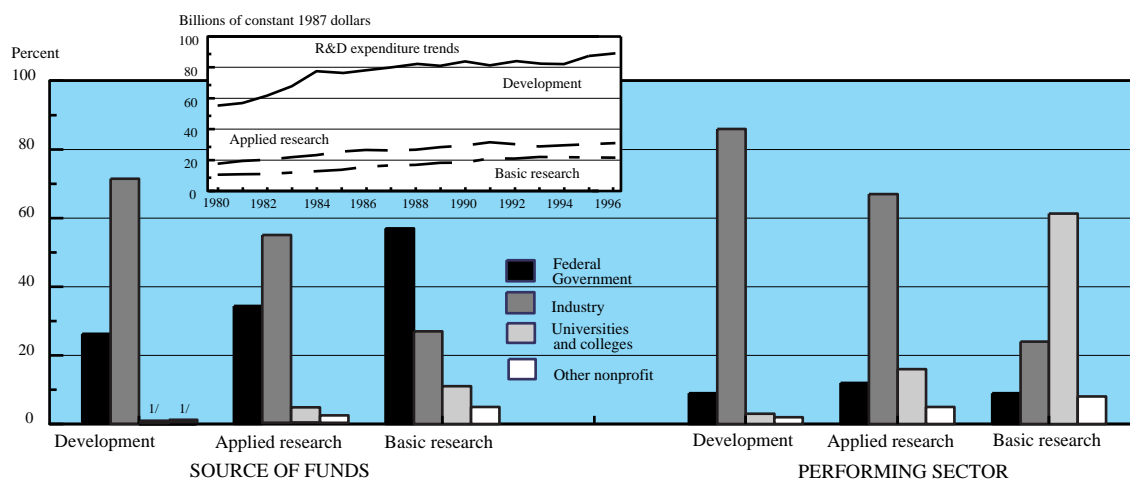


Figure 1. The national R&D effort



NOTES: Details may not add to 100 because of rounding. R&D funds for federally funded R&D centers are included in their affiliated sectors.
SOURCE: National Science Foundation, Division of Science Resources Studies, National Patterns of R&D Resources: 1996, NSF 96-333.

Figure 2. National R&D expenditures, funders, and performers, by character of work: 1996

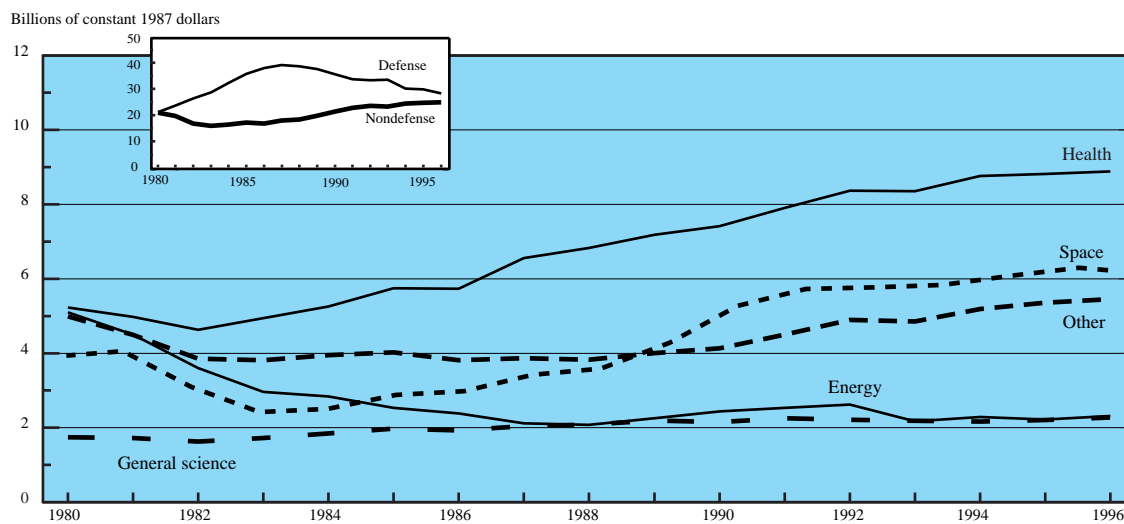


1/ Less than 1 percent.

NOTE: Funds for federally funded research and development center performers are included in their affiliated sectors.

SOURCE: National Science Foundation, Division of Science Resources Studies, National Patterns of R&D Resources: 1996, NSF 96-333.

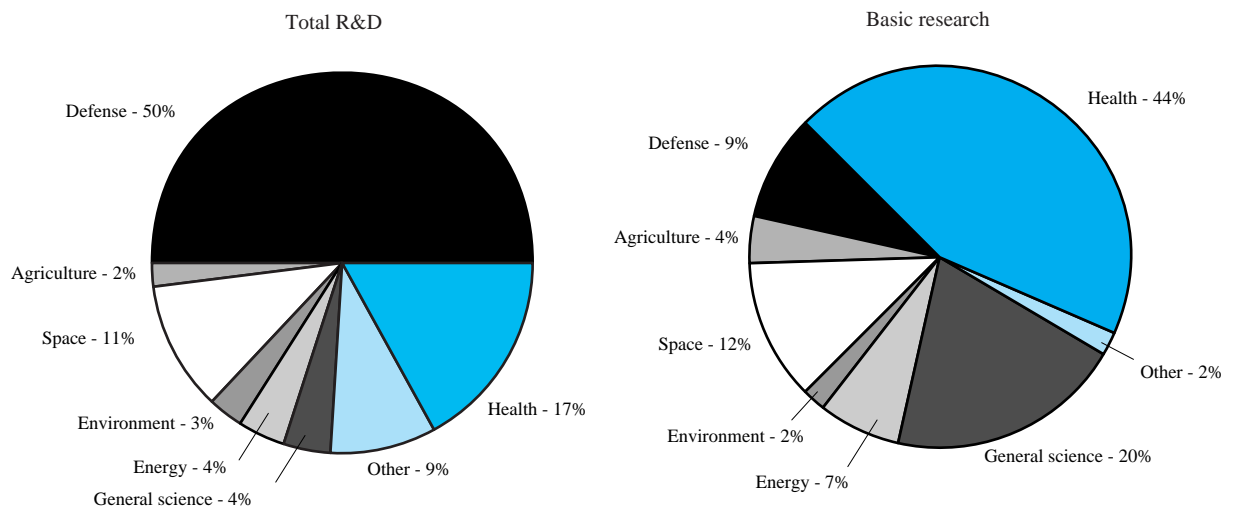
Figure 3. Federal R&D funding, by budget function



NOTE: "Other" includes all nondefense functions not separately graphed, such as agriculture and transportation.

SOURCES: National Science Foundation, Division of Science Resources Studies, Federal R&D Funding by Budget Function: Fiscal Years 1994-96, (Arlington, VA: NSF, 1995); and Executive Office of the President, Office of Management and Budget.

Figure 4. Federal R&D budget authority, by function: 1996

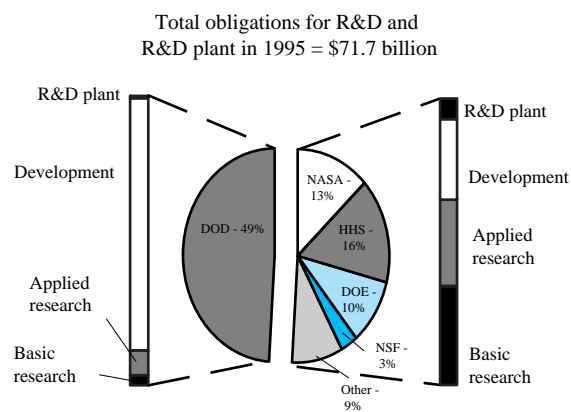


SOURCE: National Science Foundation, Division of Science Resources Studies, Federal R&D Funding by Budget Function: Fiscal Years 1994-96, NSF 95-342 (Arlington, VA: NSF, 1995).

Figure 5. Federal Obligations, by type of activity

(Millions of dollars)

	Basic research		Applied research		Development	
Year	Current dollars	Constant 1987 dollars	Current dollars	Constant 1987 dollars	Current dollars	Constant 1987 dollars
1980	4,674	6,621	6,923	9,806	18,233	25,826
1981	5,041	6,480	7,172	9,218	20,891	26,852
1982	5,482	6,557	7,541	9,020	23,410	28,002
1983	6,260	7,196	7,993	9,188	24,458	28,113
1984	7,067	7,775	7,911	8,703	27,246	29,974
1985	7,819	8,291	8,315	8,817	32,226	34,174
1986	8,153	8,397	8,349	8,598	34,910	35,953
1987	8,942	8,942	8,998	8,998	37,313	37,313
1988	9,474	9,145	9,177	8,858	38,119	36,794
1989	10,602	9,799	10,164	9,393	40,641	37,561
1990	11,286	10,077	10,337	9,229	41,937	37,444
1991	12,171	10,429	11,798	10,109	37,327	31,985
1992	12,490	10,400	12,001	9,992	41,102	34,223
1993	13,399	10,894	13,491	10,969	40,424	32,865
1994 (est.)	14,043	11,199	13,990	11,156	41,560	33,142
1995 (est.)	14,201	11,026	13,960	10,839	41,205	31,991



KEY: HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; DOE = Department of Energy; NSF = National Science Foundation; DOD = Department of Defense.

SOURCES: National Science Foundation, Division of Resources Studies, *Federal Funds for Research and Development: Fiscal Years 1993, 1994, and 1995*, NSF 95-334 (Arlington, VA: NSF, 1995); and Office of Management and Budget, unpublished tabulations.

Figure 6. Federal R&D obligations, by selected agency

